

CHROMOSOME STUDIES IN THE SOUTHERN AFRICAN FLORA: 7-9.

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7. **ERIOSPERMUM CAPENSE** (L.) Salter

- CHROMOSOME NUMBER: $2n = 14$ (Figs 1a, b).
ORIGIN OF MATERIAL: Brewelskloof, C.P. (Collection P. L. Perry KG 888/77). Compton herbarium accession no. 119556 (NBG).
METHOD OF PREPARATION: Root tip material. Colchicine pretreatment, Feulgen Acetic orcein staining.
OBSERVATIONS: Chromosomes all acrocentric, with one conspicuous nucleolar pair.

8. **ERIOSPERMUM DREGEI** Schönl.

- CHROMOSOME NUMBER: $2n = 14$ (Figs 2a, b).
ORIGIN OF MATERIAL: Springbokvlakte, C.P. (Collection P. L. Perry 622). Compton herbarium accession no. 119865 (NBG).
METHOD OF PREPARATION: As in 1.
OBSERVATIONS: As in 1.

9. **ERIOSPERMUM PUSTULATUM** Marl. ex Duthie

- CHROMOSOME NUMBER: $2n = 14$ (Figs 3a, b)
ORIGIN OF MATERIAL: Sutherland, C.P. (Collection P. L. Perry 309). Compton herbarium accession no. 119576 (NBG).
METHOD OF PREPARATION: As in 1.
OBSERVATIONS: As in 1.

1a

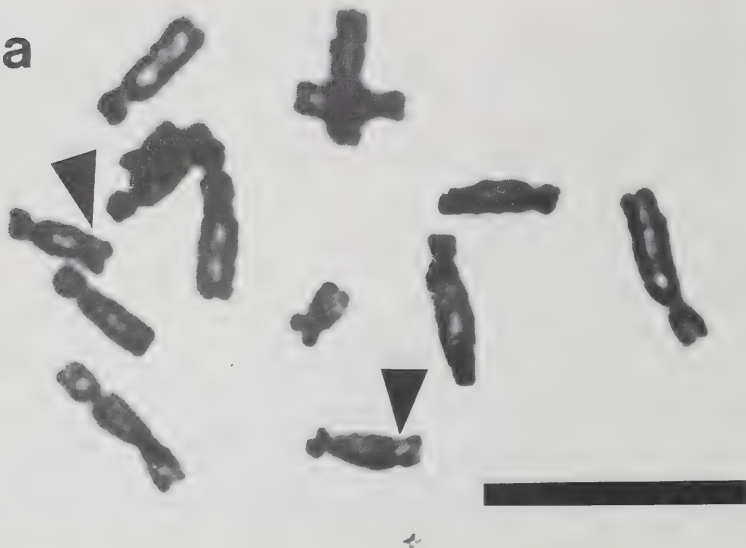


FIG. 1A.

E. capense, somatic metaphase. Bar represents 10 μ , arrows indicate secondary constrictions.

1b

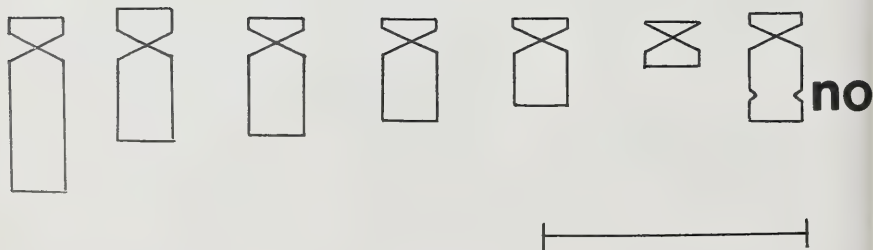


FIG. 1B.

E. capense, haploid chromosome complement. Bar represents 10 μ , "no" indicates nucleolar organiser.

2a

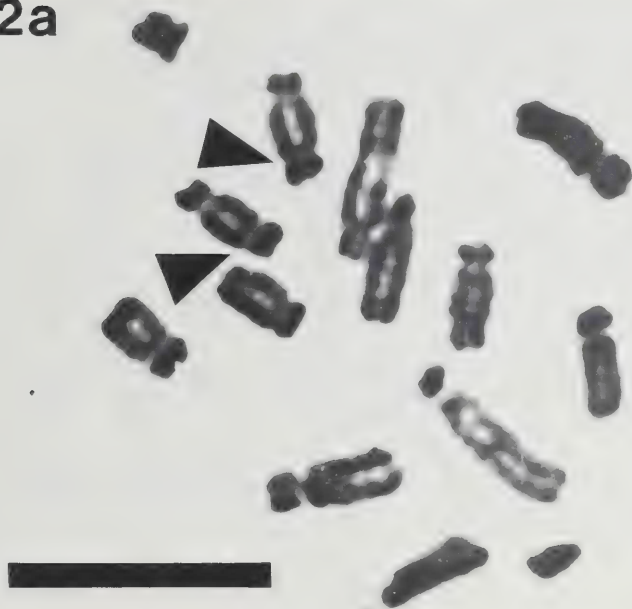


FIG. 2A.

E. dregei, somatic metaphase. Bar represents 10 μ , arrows indicate secondary constrictions.

2b

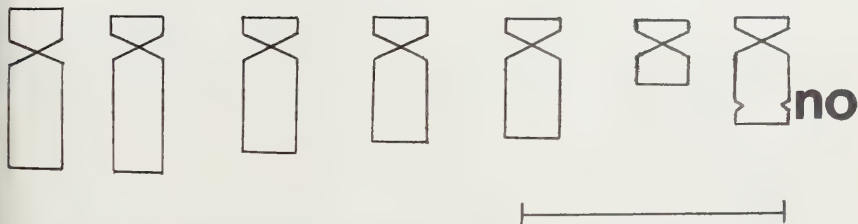


FIG. 2B.

E. dregei, haploid chromosome complement. Bar represents 10 μ , "no" indicates nucleolar organiser.

3a

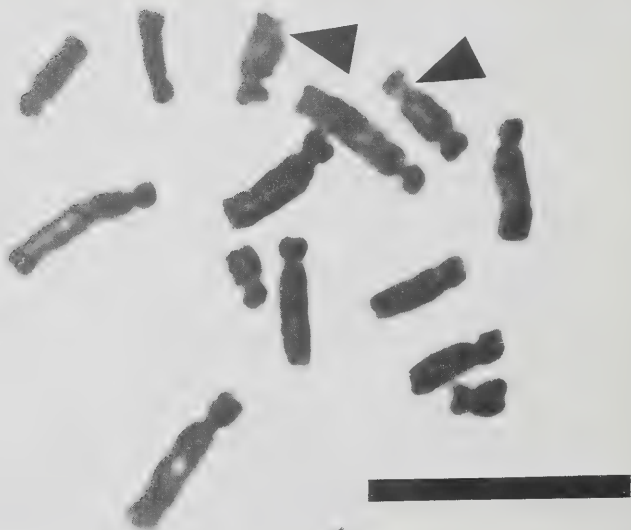


FIG. 3A.

E. pustulatum, somatic metaphase. Bar represents 10 μ , arrows indicate secondary constrictions.

3b



FIG. 3B.

E. pustulatum, haploid chromosome complement. Bar represents 10 μ , "no" indicates nucleolar organiser.